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WORLDWIDE  
(TM)  
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Release 3.1A John F. Collins, Biocomputing Research Unit.  
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Msrch\_mn n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Fri Jan 14 15:02:23 2000; MasPar time 73.50 Seconds

Tabular output not generated. 1176.429 Million cell updates/sec

Title: >US-08-978-217-15

Description: (6301-7300) from US08978217.seq (8 of 10)

Perfect Score: 1000 ATCCACCCCGAGCTCAGCA.....AGCCTTGGCCCTCTCTCCTC 7300

N.A. Sequence: 6301 TAGCGGGGGCTCGAGTTGCT.....TCGMAACCGAGAGAGAGAG

## ALIGNMENTS

Scoring table: TABLE default

Gap 6

Nmatch STD : Dbase 0; Query 0

Searched: 165362 seqs, 43234748 bases x 2

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database: n-issued 1:5A\_COMB 2:5B\_COMB 3:5C\_COMB 4:PCT9\_COMB 5:backfiles1

Statistics: Mean 8.572; Variance 4.313; scale 1.988

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description	Pred. No.
1	128	12.8	1920	3	US-08-746-	Sequence 1, Applicatio	1.86e-80
2	70	7.0	7218	2	US-08-232-	Sequence 14, Applicati	1.43e-34
3	36	3.6	965	3	US-08-388-	Sequence 22, Applicati	8.50e-10
4	32	3.2	965	3	US-08-388-	Sequence 22, Applicati	3.78e-07
5	31	3.1	215	1	US-08-238-	Sequence 5, Applicatio	1.67e-06
6	29	2.9	215	1	US-08-238-	Sequence 5, Applicatio	3.13e-05
7	28	2.8	1604	4	US-08-306-	Sequence 43, Applicati	1.32e-04
8	28	2.8	1604	4	PCT-US93-0	Sequence 9, Applicatio	1.32e-04
9	28	2.8	2544	3	US-08-469-	Sequence 6, Applicatio	1.32e-04
10	28	2.8	7218	2	US-08-232-	Sequence 14, Applicati	1.32e-04
11	27	2.7	2975	2	US-08-368-	Sequence 1, Applicatio	5.45e-04
12	27	2.7	3240	2	US-08-368-	Sequence 1, Applicatio	5.45e-04
13	25	2.5	242	1	US-08-273-	Sequence 3, Applicatio	8.72e-03
14	24	2.4	74	4	PCT-US95-1	Sequence 94, Applicati	3.37e-02
15	24	2.4	75	4	PCT-US95-1	Sequence 99, Applicati	3.37e-02
16	24	2.4	75	4	PCT-US95-1	Sequence 99, Applicati	3.37e-02
17	24	2.4	81	4	PCT-US95-1	Sequence 92, Applicati	3.37e-02
18	24	2.4	81	4	PCT-US95-1	Sequence 98, Applicati	3.37e-02
19	24	2.4	82	4	PCT-US95-1	Sequence 97, Applicati	3.37e-02
20	24	2.4	82	4	PCT-US95-1	Sequence 97, Applicati	3.37e-02

21	23	2.3	65	1	US-08-471-	Sequence 145, Applicat	1.27e-01
22	23	2.3	68	1	US-08-471-	Sequence 143, Applicat	1.27e-01
23	23	2.3	74	4	PCT-US95-1	Sequence 100, Applicat	1.27e-01
24	23	2.3	74	4	PCT-US95-1	Sequence 100, Applicat	1.27e-01
25	23	2.3	81	4	PCT-US95-1	Sequence 98, Applicati	1.27e-01
26	23	2.3	81	4	PCT-US95-1	Sequence 92, Applicati	1.27e-01
27	23	2.3	2277	2	US-08-676-	Sequence 2, Applicatio	1.27e-01
28	23	2.3	2277	3	US-08-676-	Sequence 2, Applicatio	1.27e-01
29	23	2.3	2667	3	US-08-469-	Sequence 1, Applicatio	1.27e-01
30	22	2.2	66	1	US-08-471-	Sequence 144, Applicat	4.64e-01
31	22	2.2	69	1	US-08-471-	Sequence 142, Applicat	4.64e-01
32	22	2.2	69	1	US-08-471-	Sequence 94, Applicati	4.64e-01
33	22	2.2	74	4	PCT-US95-1	Sequence 94, Applicati	4.64e-01
34	22	2.2	111	3	US-08-471-	Sequence 7, Applicatio	4.64e-01
35	22	2.2	242	1	US-08-273-	Sequence 1, Applicatio	4.64e-01
36	22	2.2	32207	3	US-08-770-	Sequence 20, Applicati	4.64e-01
37	21	2.1	59	4	PCT-US95-1	Sequence 95, Applicati	1.65e+00
38	21	2.1	65	1	US-08-471-	Sequence 145, Applicat	1.65e+00
39	21	2.1	66	4	PCT-US95-1	Sequence 93, Applicati	1.65e+00
40	21	2.1	66	1	US-08-471-	Sequence 144, Applicat	1.65e+00
41	21	2.1	68	1	US-08-471-	Sequence 143, Applicat	1.65e+00
42	21	2.1	105	1	US-07-865-	Sequence 13, Applicati	1.65e+00
43	21	2.1	7824	4	PCT-US95-0	Sequence 11, Applicati	1.65e+00
44	20	2.0	56	4	PCT-US95-1	Sequence 88, Applicati	5.66e+00
45	20	2.0	160	1	US-08-323-	Sequence 3, Applicatio	5.66e+00

RESULT 1  
US-08-746-789A-1 STANDARD: DNA; UNC; 1920 BP.  
xxxxxx

Sequence 1, Application US/08746789A  
Sequence 1, Application US/08746789A  
Patent No. 5789200

GENERAL INFORMATION:  
APPLICANT: Ismail Kola, Martin J. Tytms, Christine Debouck  
TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSER: SmithKline Beecham Corporation  
STREET: 709 Swedeland Road, P.O. Box 1539  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406-0939

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: MICROSOFT WORD

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/746,789A  
FILING DATE: No. 5789200el 15, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: William T. Han  
REGISTRATION NUMBER: 34,344  
REFERENCE/DOCKET NUMBER: AIG 50024  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610 270 5219  
TELEFAX: 610 270 4026  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1920  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: NO



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CC NAME: Hanson, No. 5795961man D.
CC REGISTRATION NUMBER: 30,946
CC REFERENCE/DOCKET NUMBER: LUD 5409
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 212-688-9200
CC TELEFAX: 212-838-3884
CC INFORMATION FOR SEQ ID NO: 22:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 965 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: unknown
CC TOPOLOGY: unknown
CC MOLECULE TYPE: DNA (genomic)
SQ SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.

Query Match 3.6%; Score 36; DB 3; Length 965;
Best Local Similarity 16.4%; Pred. No. 8,50e-10;
Matches 24; Conservative 64; Mismatches 58; Indels 0; Gaps 0;

Db 800 ASDYTTSGWVRBGRGMDYGGGTNTNGKRGRTYMDTSSNSSSVTADTYAVYVRG 859
Cp 6654 AGTCGACGAGAACACACAAGTAATGTACCTAAAGCTAAGTGTGCACAGATCTCGCCAG 6595
Db 860 RSYDSDGDYWGCTTATVYSSHUVVDMTSSSASVGDRTYTCRSTTHGNGTYWYKGA 919
Cp 6594 CGCTTCTCTCATGCTGCACGTAACCACTACACAGGGCCACACACTGTCTTCTCTCT 6535
Db 920 KYRVSNRSGVSRSGSGTDTYTTSD 945
Cp 6534 CCATACGGGCGCTCAGCGCTGTCTGT 6509

RESULT 4
ID US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP.
AC xxxxxx
DT

DE Sequence 22, Application US/08388672A
CC Sequence 22, Application US/08388672A
CC Patent No. 5795961
CC GENERAL INFORMATION:
CC APPLICANT: Wallace, T. Paul
CC APPLICANT: Harris, William J.
CC APPLICANT: Carr, Frank J.
CC APPLICANT: Old, Lloyd J.
CC APPLICANT: Welt, Sydney
CC APPLICANT: Kitamura, Kunio
CC TITLE OF INVENTION: Recombinant Human Anti-Lewis B
CC TITLE OF INVENTION: Antibodies
CC NUMBER OF SEQUENCES: 25
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Felfe and Lynch
CC STREET: 805 Third Avenue
CC CITY: New York
CC STATE: New York
CC COUNTRY: U.S.A.
CC ZIP: 10022
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/388,672A
CC FILING DATE: 14-FEB-1995
CC CLASSIFICATION:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Hanson, No. 5795961man D.
CC REGISTRATION NUMBER: 30,946
CC REFERENCE/DOCKET NUMBER: LUD 5409
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 212-688-9200
CC TELEFAX: 212-838-3884
CC INFORMATION FOR SEQ ID NO: 22:

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CC      SEQUENCE CHARACTERISTICS:
CC      LENGTH: 965 base pairs
CC      TYPE: nucleic acid
CC      STRANDEDNESS: unknown
CC      TOPOLOGY: unknown
CC      MOLECULE TYPE: DNA (genomic)
CC      SEQUENCE 965 BP: 192 A; 170 C; 226 G; 200 T; 177 OTHER.
SQ
Query Match          3.2%; Score 32; DB 3; Length 965;
Best Local Similarity 20.0%; Pred. No. 3.78e-07;
Matches 42; Conservative 86; Mismatches 78; Indels 4; Gaps 4;

Db 757 CAAGTGGAAATCAARFGGGCTKKGURHUVVSGVRSST-TCRASDVTTSWGWVRG 815
Oy 7010 CAAAGGGAGATCCTCGAGACGGGTGGATGCGCAGCGCTCGCTACAGATTGGCAGAA- 7068
Db 816 WGDYGGGTYTNNGKRGRTYMTADTSSNSRSYTAADTAAYYCVRRSRYSDSDGDYWGCTTV 875
Oy 7069 ACTCTAGTGGCTGGAGAG-AGGAAGAGCTTGAGAGAGTCGGAATTAAGATTCGGCGCTG 7127
Db 876 TVSSHUVKDMTSSSSASVGDPRVTCRSSTTGNGNTYYWKGAKARYRNSNGVSRSGG 935
Oy 7128 GACCAGGACCTGCACTCAGCATGACATCCAGAACTGAAGCCTTCCTGGAAGACAGCA 7187
Db 936 SGTDTYTTSSDATYYCGCTHA-RTGGTKVKGU 964
Oy 7188 GGCGTGACGGCCCTTACATGATGTGT 7217

RESULT      5
ID US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.
AC xxxxxx
DT
DE Sequence 5, Application US/08238163
DE Sequence 5, Application US/08238163
CC Patent No. 5569830
CC
CC GENERAL INFORMATION:
CC APPLICANT: BENNETT, Alan
CC APPLICANT: LABAVITCH, John M.
CC APPLICANT: FOWELL, Ann
CC APPLICANT: STORTZ, Henrik
CC TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL
CC TITLE OF INVENTION: POLYGALACTONASES AND THEIR USE TO CONTROL FUNGAL DISEA
CC NUMBER OF SEQUENCES: 24
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Townsend and Townsend Hourie and Crew
CC STREET: Steuart Street Tower, One Market Plaza
CC CITY: San Francisco
CC STATE: California
CC COUNTRY: US
CC ZIP: 94105-1493
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: Patentin Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/238,163
CC FILING DATE: 03-MAY-1994
CC CLASSIFICATION: 800
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Bastian, Kevin L.
CC REGISTRATION NUMBER: 34,774
CC REFERENCE/DOCKET NUMBER: 2307E-540
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 543-9600
CC TELEFAX: (415) 543-5043
CC INFORMATION FOR SEQ ID NO: 5:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 215 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: single
CC TOPOLOGY: unknown
CC

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CC LENGTH: 3240 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: double  
CC TOPOLOGY: linear  
CC MOLECULE TYPE: CDNA  
SQ SEQUENCE 3240 BP; 1070 A; 592 C; 662 G; 916 T; 0 OTHER.

Query Match 2.7%; Score 27; DB 2; Length 3240;  
Best Local Similarity 64.2%; Pred. No. 5,45e-04;  
Matches 61; Conservative 0; Mismatches 34; Indels 0; Gaps 0;

Db 882 TTCACGCTGCTGATTCACAAAGCTGCTCTAGCTTTGGGGAAGCATAGAACAAACA 941  
OY 6358 TTCAAGTTCTTCCTCAGAGGCGCTGGCCCACTCTGGGGCCAGAGAGAACAGC 6417  
Db 942 GACATGAACATATGAACCATGGAGAGCTTTGAG 976  
OY 6418 AACATGACCTATGAGAGCTGAGCGGAGCCATGAG 6452

RESULT 13  
ID US-08-273-846-1 STANDARD; DNA; UNC; 290 BP.  
AC xxxxxx

DE Sequence 1, Application US/08273846  
CC Sequence 1, Application US/08273846  
CC Patent No. 5641863

CC GENERAL INFORMATION:  
CC APPLICANT: SCHREIBER, ALAN D.  
CC APPLICANT: PARK, JONG-GU  
CC TITLE OF INVENTION: METHODS OF STIMULATING PHAGOCYTOSIS  
CC NUMBER OF SEQUENCES: 7  
CC CORRESPONDENCE ADDRESS:  
CC ADDRESS: NIXON & VANDERHUYE P.C.  
CC STREET: 1100 NORTH GLEBE ROAD  
CC CITY: ARLINGTON  
CC STATE: VIRGINIA  
CC COUNTRY: U.S.A.  
CC ZIP: 22201-4714

CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: floppy disk  
CC COMPUTER: IBM PC compatible  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: Patentin Release #1.0, Version #1.25  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: US/08/273,846  
CC FILING DATE: 12-JUL-1994  
CC CLASSIFICATION: 530  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: WILSON, MARY J.  
CC REGISTRATION NUMBER: 32,955  
CC REFERENCE/DOCKET NUMBER: 555-29  
CC TELECOMMUNICATION INFORMATION:  
CC TELEPHONE: (703) 816-4000  
CC TELEFAX: (703) 816-4100  
CC INFORMATION FOR SEQ ID NO: 1:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 29 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: single  
CC TOPOLOGY: linear  
CC MOLECULE TYPE: DNA (genomic)  
CC SEQUENCE 290 BP; 17 A; 34 C; 8 G; 11 T; 220 OTHER.

Query Match 2.5%; Score 25; DB 1; Length 242;  
Best Local Similarity 9.8%; Pred. No. 8,72e-03;  
Matches 16; Conservative 38; Mismatches 108; Indels 1; Gaps 1;

Db 53 DUREPDESCFFPRCC\*FXPCALLEDFROMCRRFRFORM\*FXPCALLEDFROMCRRFCOV 112  
OY 6784 ATGAAGAAGCCCGAGCATATGAGAGCAAGAAATGATGAGAGAGGTCG 6843  
Db 113 TFXPCALLEDFROMON\*\*CALLEDFROMPROCEDUREPATTICCFAPPSCF\*EX 172

OY 6844 TGCC-CATTAATTACAGATCACCGGCGCCACAGAGGTAGGAGGAGCACTACGCGAG 6902  
Db 173 BCALLEDFROMON\*\*CALLEDFROMCRRFAPPSCF\*EXEAC 215  
OY 6903 AGAGGGCCAGCTCAGCACACATGGGGCTGGGAACCATCGCAAC 6945

RESULT 14  
ID PCT-US95-11934-94 STANDARD; DNA; UNC; 74 BP.  
AC xxxxxx

DE Sequence 94, Application PC/TUS9511934  
CC Sequence 94, Application PC/TUS9511934  
CC GENERAL INFORMATION:  
CC APPLICANT: Cytogen Corporation  
CC TITLE OF INVENTION: Antigen Binding Peptides (Ablides) From  
CC NUMBER OF SEQUENCES: 103  
CC CORRESPONDENCE ADDRESS:  
CC ADDRESS: Pennie & Edmonds  
CC STREET: 1155 Avenue of the Americas  
CC CITY: New York  
CC STATE: New York  
CC COUNTRY: USA  
CC ZIP: 10036

CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: floppy disk  
CC COMPUTER: IBM PC compatible  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: Patentin Release #1.0, Version #1.30  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: PCT/US95/11934  
CC FILING DATE: 20-SEP-1995  
CC CLASSIFICATION:  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: MISTOCK, S. Leslie  
CC REGISTRATION NUMBER: 18,872  
CC REFERENCE/DOCKET NUMBER: 1101-196-228  
CC TELECOMMUNICATION INFORMATION:  
CC TELEPHONE: (212) 790-9090  
CC TELEFAX: (212) 869-9741/8864

CC INFORMATION FOR SEQ ID NO: 94:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 74 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: single  
CC TOPOLOGY: linear  
CC MOLECULE TYPE: DNA (genomic)  
CC SEQUENCE 74 BP; 3 A; 4 C; 3 G; 1 T; 63 OTHER.

Query Match 2.4%; Score 24; DB 4; Length 74;  
Best Local Similarity 6.2%; Pred. No. 3,37e-02;  
Matches 4; Conservative 20; Mismatches 41; Indels 0; Gaps 0;

Db 2 CGAGNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN 61  
OY 6442 CGAGCATGAGGTGAGTGTGAGCGCTCAGGACCTCTGTTGGCTCTACTGCTCCCT 6501  
Db 62 NBNB 66  
OY 6502 AGGTT 6506

RESULT 15  
ID PCT-US95-11934-99 STANDARD; DNA; UNC; 75 BP.  
AC xxxxxx

DE Sequence 99, Application PC/TUS9511934  
CC Sequence 99, Application PC/TUS9511934  
CC GENERAL INFORMATION:  
CC APPLICANT: Cytogen Corporation

